

FOLIO

Board of Governors

The Governors' meeting of 1 October produced a number of items of interest including the following:

Senate Representative

D.R.B. "Sandy" McArthur was introduced as the Senate representative to the Board. Mr. McArthur, who succeeds Dorothy Richardson, has sat on Senate for three years and has been Chairman of the Nominating Committee and the Emil Skarin Committee.

A graduate of the University of Toronto (BSc in Engineering), he went on to Harvard University, obtaining the MBA degree.

Mr. McArthur is now retired from his business interests which included co-ownership in a national management consulting firm, directorship and vice-presidency of an Alberta resource company, and the chairmanship of a western Canadian cement company.

He is currently director/officer of six corporations headquartered in Alberta, chairman of the Metric Commission of Canada, and director of the Management Advisory Institute at this University.

The Building Scene

The Building Committee sought and received Board approval for an amount up to \$6,770,000 for construction of a car parkade (Car Park III) which would also hold Campus Security and Parking Services offices. A connecting bridge from the facility in "J" zone near the Education Gymnasium to the Education Southwest Tower is also envisioned.

Approval was also accorded a

request for up to \$507,000 for renovations to leased space in the Garneau Professional Centre to accommodate part of the Faculty of Nursing and the Faculty of Rehabilitation Medicine. More facilities are needed because of the increase in the number of students accepted into the Post-Basic RN quota program.

The Building Committee reported for information that it had tabled a recommendation for funding of a new building to house Purchasing, Central Stores, and Distribution. The rationale was that more information is needed regarding the renovations required in the General Services Building to accommodate Computing Services once the other service departments have vacated the building. The committee subsequently endorsed the funding proposal and the building is now under construction. (See page 2.)

The Committee also reported that, pursuant to its delegated authority, it had approved a recommendation to name The University of Alberta Fieldhouse "The University of Alberta Universiade Pavilion." Another startling name now on the books is that of "The University of Alberta Tennis Centre" located at Michener Park.

In the area of operations and energy management, it was noted that "if the University had not implemented an energy conservation program it would have paid out at least \$12,095,900 for utilities in 1981-82 compared to the actual cost of \$8,629,700."

Departmental Status for Family Medicine

The Governors gave approval to

the proposal that the Division of Family Medicine become a Department. The change in status becomes effective immediately.

Family Medicine has been a free-standing division within the Faculty of Medicine since 1977. Previously, it was a subdivision of the Department of Community Medicine.

Its present role, size and complexity have indicated that departmental status would enable Family Medicine to cooperate with other departments in the Faculty of Medicine, for example Pediatrics and Psychiatry, and with other Faculties, such as Home Economics (Family Studies and Nutrition). The change in status gives the Department the opportunity to work with areas

which have common interests in the family and the health of its members.

Family Medicine currently operates two clinics in the city, one in the Royal Alexandra Hospital (where the administrative offices are located) and the other in the Misericordia Hospital. There are no immediate plans to move the Department.

Unclassified Students

President Horowitz informed the Board that 232 people have registered as unclassified students at this University, making the innovative measure an unqualified success. "I would have been happy with fifty," Dr. Horowitz added. □

Students' Research Day 1982

On Wednesday, 20 October at 8:30 a.m. in 2-117 Clinical Sciences Building the Fifteenth Annual Students' Research Day will commence.

The purpose of the Day is to give medical students an opportunity to prepare for, participate in, and observe a scientific meeting. This meeting is useful for disseminating information to medical students, medical faculty, physicians (clinicians and researchers), and the public concerning medical research activities at The University of Alberta; more specifically, the individual research projects completed during the summer of 1982. Through this, the Faculty of Medicine can attempt to instill an awareness of and appreciation for the role that research plays in the

treatment of human disease. It is an important step in medical education and a vital product.

Students' Research Day is held annually in October in memory of the late Michael Emery, an orthopedic surgeon, gifted teacher and researcher.

Each summer, fifty to sixty medical students engage in various research projects for summer employment. The funding for these positions is made available through the Alberta Heritage Foundation for Medical Research, the Medical Research Council of Canada, and several other agencies and scholarships. At the completion of the project, students are requested to submit a complete abstract of their work. Of the abstracts submitted, twenty-four are chosen to be presented orally

at Students' Research Day. Each scientific presentation, usually illustrated, is a total of fifteen minutes, allowing time for discussion and feedback from the audience. These presentations compose the four scientific sessions of the day. Each session is chaired by a member of the Faculty of Medicine. This year's participants are D. Spady, Department of Pediatrics; R. Reithmeier, Department of Biochemistry; C. Von Westarp, Department of Medicine; and P.A. Bretscher, Department of Immunology. All abstracts that have been submitted (including those not presented orally) are published in a booklet that is

made available at Students' Research Day.

Among the members of the audience are three eminent judges who are known for their expertise in the field of medical research. These judges — Oliver Wrong, University College Hospital Medical School, London, England; and J. Dossetor and R. McElhaney of our University's Faculty of Medicine — have the honor of choosing the three presentations of the day that best exemplify the qualities of a good scientific session. At the end of the day, the winners are announced and invited to join the judges, chairmen, and Dean of the Faculty for dinner. □

Alumni Scholarship Awarded to Agriculture Student

The University of Alberta Alumni Association 75th Anniversary Scholarship has been awarded to Mari Louise Nakamura, a third-year student in the Faculty of Agriculture and Forestry.

As the first recipient of the \$1,500 scholarship, Miss Nakamura more than meets the criteria of a student whose campus activities have

contributed to University life and who has maintained a satisfactory academic record.

Miss Nakamura is the Agriculture Faculty Council representative and the Agricultural Club Blood Drive Director, in which capacity she organizes and publicizes blood drives on campus and recruits student help in the moving of equipment.

Her involvement extends beyond her own Faculty, however. She is Governor of the Western Canada District of Circle K, a volunteer organization that is involved in on and off-campus activities. In this position one of her aims is to encourage students at other universities to establish similar organizations.

A member of the Kappa Alpha Theta fraternity, she is also its House Manager and is involved with the Standards Committee. Miss Nakamura also participates in intramural sport programs.

The scholarship, established this year by the Alumni Association in honor of the University's 75th Anniversary, invited applications from the entire University student population. The scholarship was presented at the recent Alumni Homecoming Banquet and Ball at the Hotel Macdonald. □

FOLIO

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Children with Learning Problems Required for Remedial Training Project

The Centre for the Study of Mental Retardation, having received a grant from the Alumni Association, is conducting a clinical project for children with learning problems.

The Centre requires a limited number of children between nine and twelve years who are experiencing severe problems in learning in their school to enroll in the training program. "Only those children who can help us in evaluating the effectiveness of the remediation method will be accepted. Our training is designed to help the remedial programs

which such children receive at their school," says the Centre's Director, J.P. Das.

There are no fees for the remedial training, but parents (guardians) must bring the children to the University for about twenty weekly sessions. The sessions can be arranged after school or on Saturdays.

For further information, please contact: Learning Clinic Project, Dr. R. Mulcahy or Dr. J.P. Das, Department of Educational Psychology, The University of Alberta, telephone 432-5211 or 432-4505. □

Building Woes

The Materials Management Building is off the drawing board and that means a few inconveniences will have to put up with. The building is going up directly south of the Jubilee Auditorium and that activity, coupled with the extension of the utilities services corridor, means that there is no access to Lister Hall off 114 Street during construction. There is access to the complex off 87 Avenue.

Across campus at the site of the Faculty of Business Building, Blake Pratt, Office of Design and Construction, reports that excavation work will continue for about a month and that people in the vicinity will just have to grin and bear the noise given off by the heavy equipment. The a.m. starting time for A.V. Carlson Construction Ltd. workers may seem immoral but Mr. Pratt points out that that is the normal

time for University forces to begin work.

After the first month the noise level will decrease considerably, he told *Folio*.

As both students and trucks cross between HUB and the Tory Building, Mr. Pratt and his colleagues would appreciate any and all cooperation between students and the flag girl at the site.

Construction of the building should be completed by April 1984. Access to the Tory Building from the south and west will be maintained up to the end of the 1983 school term. Work on the galleria between the new Business Building and Tory will then begin. It is hoped that the south entrance will be reopened in the fall, Mr. Pratt said.

The east entrance to Tory will be maintained during the construction. □

Physiologists to be Given Their Due

This University's Department of Physiology will figure prominently in the next "That's Incredible" program.

"Bionics Brought the Music Back" is the title of one of the segments to be shown on the popular program Monday, 18 October at 9 p.m. on channel 7.

Hank DeMarco, a professional saxophonist whose left arm was amputated due to cancer and who was then given an electronic arm by Dean Charles, Richard Stein, Kelly James, and Robin Taylor of the Department of Physiology, will be featured. □

University Launches 75th Anniversary Book

After more than a year and a half spent in perusing mounds of archival material and scanning hundreds of photographs, the University's 75th Anniversary book was unveiled during a special ceremony on 2 October.

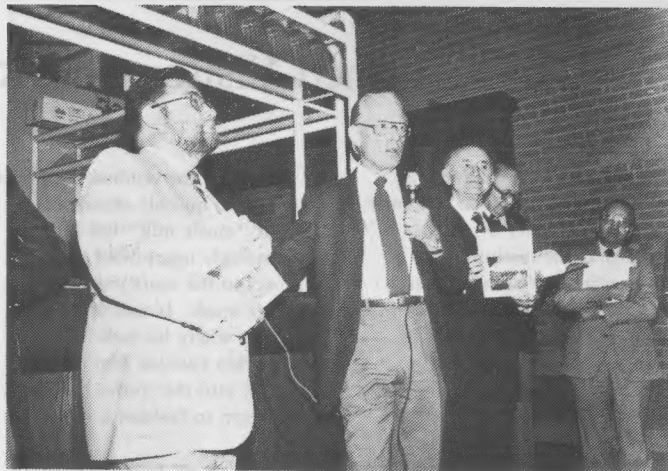
The University of Alberta 1908-1983, a book made possible through a grant from the University's 75th Anniversary committee, consists of 131 pages of photographs, each being accompanied by a suitable quotation which reflects the time.

Five eras are spanned: Beginnings, 1908-1918; The Inter-War Years, 1919-1938; War and its Aftermath, 1939-1956; The Push for Growth, 1957-1970; and Broadening Horizons, 1971-1983. Each section is preceded by a brief commentary extracted from earlier histories or reports pertaining to that particular period of time.

A committee of nine people contributed to the book: Jim

Parker, the University Archivist, acted as the coordinator; Hannah Aaron, Office of Community Relations, designed the publication; Gordon Moyles, Associate Dean, Faculty of Arts, wrote all the material; research was conducted by volunteers Rhona Bilsland and Betty McCrum; Al Ryan, Professor Emeritus, was the advisor; Henry Kreisel, University Professor and Professor in the Department of Comparative Literature; Bill Presling, Professor in the Faculty of Extension and Adjunct Professor in the Faculty of Business; and Joanne Stiles, a graduate student in the Department of History rounded out the committee.

Copies of the 75th Anniversary memento are available through the University's Alumni Association and the University Bookstore at a cost of \$12.95. □



Al Ryan takes to the mike as Jim Parker, University Archivist (left); Chancellor Savaryn; Frank Kozar, Alumni Association President; and President Horowitz gather for the release of the University's 75th Anniversary book.

Day Care Centre Open House

The Students' Union and Community Day Care Centre, situated in HUB Mall, will hold an Open House on Wednesday, 20 October from 8:30 a.m. to 12:30 p.m., and from 2 to 5:30 p.m.

A government-subsidized facility, providing full-time care for sixty-four children from two and one-half to six years of age, the Centre has been an integral part of the University community

for many years. The Open House will provide interested members of the public with an opportunity of visiting the Centre, meeting the staff, and observing the children as they play/learn in a first class day care facility. Members of the Day Care Centre Board will be on hand to answer questions. Refreshments will be served and all members of the public are welcome. □

The Eyes Have It

The Campus Observatory is open again. There are two shows each Friday evening at 9 and 10 p.m. Up to thirty people can be accommodated at one time.

Contact the Office of Community Relations (423 Athabasca Hall, telephone 432-2325) and dress warmly.

75th ANNIVERSARY SERVICE

University of Alberta

All Saints,
Anglican Cathedral
10035-103 Stret
Edmonton, Alberta

Sunday, October 17, 1982
7:00 p.m.

Food, Glorious Food

For three days next week Housing and Food Services really should make a transpositional change and be known as Food and Housing Services. It would not be remiss to underscore the "Food" appellation either.

Gail Brown, Director of Housing and Food Services, and her associates have hit on a 75th Anniversary event that promises to be epic(urean). Family-style turn of the century dinner parties will fill the evenings of 21, 22, and 23 October. Each party will be held in the Lister Hall Banquet Room beginning at 6:30 p.m. Dress is semi-formal or the period (1908-1982) of your choice.

Tickets are \$20 per person. Reservations are required and should be made as soon as possible. Karen McHenry, 432-3819, is the person to contact. There are settings for individuals or parties of two to eight.

The food will rival that consumed by the Cratchits in Dickens's *A Christmas Carol*. A sherry reception will give way to an iced relish tray, game consomme, roast sirloin of beef in Madeira sauce, roast potatoes, glazed finger carrots, baked squash, baby green peas, and crunchy French bread.

Diners are advised to pace themselves because they still have

to contend with English-style blackberry trifle, a cheese tray, coffee or tea, and after dinner port. Mints and cigars for the men will also be available. Champagne will be served with the meal.

All the dishes, which were carefully researched by Mike Badger, *chef de cuisine*, and Wendy Cook, manager of the Lister Hall Cafeteria, will be brought to the table by primly-dressed waitresses and the guests will then serve themselves.

Guest hosts will receive the diners and entertainment will follow each dinner party. Mr. and Mrs. John Schlosser will host the 21 October dinner and the entertainment will be supplied by The University of Alberta Madrigal Singers. The following evening will spotlight President and Mrs. Horowitz and Chant-Amis, singers from Faculte Saint-Jean. Former Chancellor Forest and her husband will welcome guests on 23 October and A Little Light Music (a musical theatre group) will perform.

Pianist Constantine Shando will play during all three dinner parties.

A check list would consist of: (1) make reservation, (2) break out best bib and tucker, and (3) whet appetite. □

Bobby Shew

EFF Distinguished Visitor, Music

The eminent jazz trumpeter, Bobby Shew, will be in residence on The University of Alberta campus as the institution's Distinguished Visitor in Music. From 18 through 31 October Mr. Shew will conduct sessions in improvisation, teaching improvisation, and teaching stage bands; deliver two lectures; and give a trumpet master class.

The first lecture — "Preparing for a Musical Career" — will be presented on 22 October at 4 p.m. in 1-23 Fine Arts. The second — "Social and Creative Benefits From Improvised Music" — will take place on 28 October at 1 p.m. in the same locale.

His visit will culminate in two concerts, one to be presented in the Students' Union Building Theatre at 8 p.m. on 29 October in conjunction with well-known local jazz musicians, and the second to be given in Convocation Hall at 8 p.m. on 31 October. The University of Alberta Stage Bands will perform with Mr. Shew.

Bobby Shew was born in Albuquerque, New Mexico, where he "fell" into music by discovering his grandfather's Montgomery Ward trumpet in the attic. Formal musical training after high school did not appeal so, after a year of studying commercial art, he joined the Canadian-American Armed Forces NORAD Band for a four-year stint.

During the course of this experience he developed his trumpet-playing and improvisational abilities and formed a reputation that led to career opportunities when he left.

Recordings and road trips with the Tommy Dorsey, Woody Herman, Buddy Rich, and Louis Bellson big bands, among others, eventually led him to Las Vegas where he spent nine years backing up such outstanding personalities as Della Reese, Robert Goulet, Paul Anka, Tom Jones, and Connie Stevens.

Although the remuneration was nothing to quibble about, the Vegas "music mill" left him increasingly ungratified with respect to the more creative side of jazz music. It was on to Los Angeles where his well-founded reputation enabled him to move smartly into the studio "scene" and begin to fashion a new career.

Today, after numerous jazz

performances with the Akiyoshi-Tabackin Band, the Bud Shank, Chuck Flores, and Frank Strazzeri quintets, Bobby Shew now appears mostly with his own group in countless concerts and clinics throughout the world. His quintet's album "Outstanding in his Field" was nominated for a Grammy Award in 1981.

A new interest that particularly engrosses Mr. Shew is jazz

education, and he involves himself in scores of appearances each year that are all or in part educationally oriented. He is concerned that the spiritual and emotional values of music, especially improvised music, be emphasized, and not the ultimately counter-productive striving for success that so often dominates musical education efforts at all levels.□

Hans Zassenhaus

EFF Distinguished Visitor, Mathematics

Hans Zassenhaus is a distinguished visitor to the Department of Mathematics during the fall semester. His association with The University of Alberta goes back to 1957 when the Mathematics Department was host to the Summer School and Meeting of the Canadian Mathematics Congress. Since then he has been a frequent visitor to the University. He will be giving a series of lectures on various topics in Number Theory, Group Theory, Applied Mathematics, and the History of Mathematics.

Dr. Zassenhaus was born on 28 May 1912 in Koblenz-Moselweiss, Germany. He studied mathematics under E. Artin, E. Sperner, and E. Hecke and Physics under W. Lenz and P. Koch at the University of Hamburg. He received his doctorate in mathematics at the age of twenty-two.

Dr. Zassenhaus is one of the best known mathematicians of our time. He has done fundamental and far reaching work in many areas of mathematics, including Number Theory, Ring Theory, Group Theory, Lie Algebras, Geometry of Numbers, and Applied Mathematics. His "Butterfly lemma" is taught in a first course in algebra these days. His famous text on Group Theory,

first published in 1937, remains an indispensable reference today, in spite of the publication of a large number of excellent textbooks on the subject. His work in construction of space groups in higher dimensions laid the foundation for the book on Crystallographic groups in 4-dimensions by Brown-Neubuser and Zassenhaus. This work is quoted in the Encyclopedia Britannica. Recently he has been working on constructive methods in number theory and group theoretical methods in physics.

After spending a year as a British Council Scholar at the University of Glasgow, Dr. Zassenhaus moved to McGill University as Peter Redpath Professor in 1949. In 1957 he became a Canadian citizen and his Canadian career was interrupted by a move to the United States. He has held successive Professorships at Caltech (1958-59), Notre Dame (1959-63), and Ohio State University (1963-82). During this time he has held a Gauss Professorship at Gottingen and Visiting Professorships at Heidelberg, UCLA, Warwick, Caltech, and the University of Montreal.

Dr. Zassenhaus was awarded the Distinguished American Scientist Award of the Alexander von Humboldt Foundation, West

Germany, and is a Fellow of the Royal Society of Canada. He is Editor-in-Chief of the *Journal of Number Theory*. He has written over 150 papers and directed at least forty PhD theses on a wide variety of topics.

He has taken a keen interest in the mathematical development in Canada and has served on several important committees of the Natural Sciences and Engineering Research Council. He will spend the next year at the University of Montreal, but for now, Dr. and Mrs. Zassenhaus are enjoying their stay in Edmonton.□

People
Helping
People
is the
United Way



World Food Day to be Observed on 16 October

In a familiar advertisement from an important brewer, "The people who bring food to our table" are given an honorable mention. With the help of modern cinematographic techniques we are transported from a B.C. fishing boat to a prairie harvester but, surprisingly, there is no mention of the post-production systems that are needed between these harvests and our dinner plates. In view of the upcoming World Food Day (established by the Food and Agriculture Organization of the United Nations), it is appropriate to examine this forgotten part of the over-all food system, and in particular to focus on the research contributions of those who work in food science.

Food scientists are often viewed by the misinformed as alchemists who formulate artificial foods, or to some of their more serious detractors as wizards dedicated to deliberate, deceptive, and deleterious sophistication of foods through processing. Nothing could be further from reality. In fact, food is of a highly complex biological nature, and numerous biochemical and biophysical changes take place in food at various stages after production, particularly during processing. Food scientists are devoted to a better understanding of the nature and composition of food materials, the changes they undergo during transportation and storage, and the changes brought about through our attempts to protect food against spoilage. We should keep in mind that the efforts of food scientists have already provided our society with a nutritional, wholesome, inexpensive, varied, and pleasing diet. Continued research will undoubtedly further expand our already vast selection of available foods.

The preceding describes food science in our industrialized society. What about the developing nations of the world, where up to thirty percent of the annual food production can be lost due to spoilage? What is the

commitment for solving the crucial problems of food accessibility to the underprivileged majority of the world's population? The paradox in the answer is that food science for the developing world is both a technical and a social science. While the underlying physical, chemical, and biological principles in food science are universally valid and directly transportable, the social and economic factors are specific to localities and communities, and

often in direct conflict with technology. Food researchers in developing nations have the responsibility to seek out what is useful, and to formulate research projects in the light of identified social and economic need.

The high cost of energy has had a dramatic impact on research priorities for developing nations. Optimization of efficiency and energy savings in post-production systems such as storage, transportation, and preservation are at the forefront

of research for the next decade at least. These concepts are being applied in a common will to solve the hunger problem.

For World Food Day we all should realize the enormous problems in bringing food to the table in the developing nations, and recognize the researchers who are working to make food available at all.*□

*This article was contributed by Christian Toupin, graduate representative, Department of Food Science.

A. Rashad Abdel-khalik Appointed to Winspear Chair

The former Director of Research of the American Accounting Association has been appointed to the Francis G. Winspear Chair of Professional Accounting at this University.

A. Rashad Abdel-khalik took up the appointment on 1 August, succeeding Robert Sterling, the initial holder of the chair.

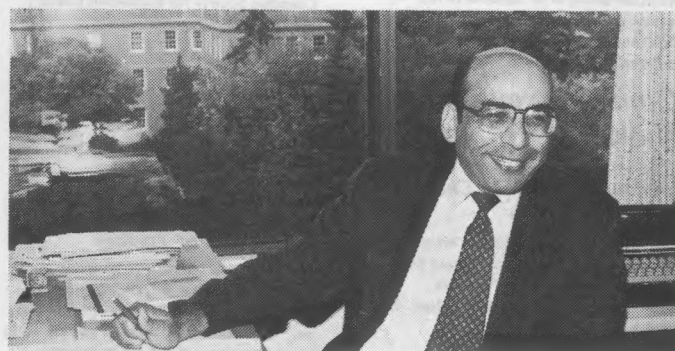
Dr. Abdel-khalik came here from the University of Florida where he had been Graduate Research Professor of Accounting and Director of the Accounting Research Center.

As the Winspear Professor of Accounting, he will assume a leadership role in the development of new courses, conduct teaching and research activities, and work with accounting policy makers from throughout Canada.

A current project of Dr. Abdel-khalik's concerns accounting reporting for privately held companies.

Egyptian-born, he attended Cairo University (BCom with honors, 1961), Indiana University (MBA, 1965; AM, 1966), and the University of Illinois (PhD, 1972). He also studied at the University of North Carolina in 1966-67.

Prior to joining the faculty of the University of Florida in 1977, he taught at Columbia University and Duke University.



Dr. Abdel-khalik was named the 1981 Distinguished Alumnus by the University of Illinois Graduate Students in Accounting Association.

He is the founding editor of the *Journal of Accounting Literature*, an annual periodical devoted to publishing state of the art articles, and has had articles published by the Financial Accounting Standards Board, a major policy maker in the United States.

Among the courses that Dr. Abdel-khalik has taught are "Financial Accounting," "Intermediate Accounting," "Managerial Accounting," and "Controllershship." He directed the PhD program in accounting at the University of Florida and initiated the redesign of the PhD curriculum.

Earlier this year he presented invited seminars at the University

of Oklahoma, Carnegie Mellon University, the University of Birmingham (England), Alexandria University (Egypt), The University of Alberta, and the University of Colorado.

A member of the American Accounting Association, the American Finance Association, and the American Economic Association, Dr. Abdel-khalik occupies a chair that was created by Francis G. Winspear in 1979. Dr. Winspear taught accounting here for a number of years and was Dean of the Faculty of Business Administration and Commerce in 1952-53.

Dr. Winspear is a founding partner of the national accounting firm Winspear, Higgins, Stevenson and Doane (it later merged with Deloitte, Haskins and Sells Ltd.) and has been a director of several Canadian companies.□

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This Week's Quote

"Don't give us that metres jazz."

Source: John Barry, Board of Governor's member, at the 1 October meeting when Building Committee Chairman Max Berretti was asked about floor space in the Garneau Professional Centre.

service information

All information to be included in this column must reach the Office of Community Relations by 9 a.m. the Thursday prior to publication.

Coming Events Music

Edmonton Gregorian Chant Choir

The choir meets every Monday evening, 7 to 8:30 p.m., 3-01 Rutherford Library South. No experience necessary. For more information, call St. Joseph's College, 433-1569.

Department of Music

17 October, 2 p.m. Alberta Registered Music Teachers Association Awards Recital. Convocation Hall.

18 October, 8 p.m. Double Bass Concert. Convocation Hall.

19 October. Double Bass Workshop. Convocation Hall. Call 432-3263 for further information.

Edmonton Chamber Music Society

20 October, 8 p.m. The Society opens its subscription series with a concert by The Tokyo String Quartet, with works by Haydn, Berg, and Schubert. Admission by season membership in the Society. Memberships at the SUB Box Office and at the door. SUB Theatre.

75th Anniversary Events

14 October, 8 p.m. Official Opening of German Poster Art and J.D. Turner Exhibition. Ring House Gallery.

14 to 16 October. Faculty Open Houses: Business, Agriculture and Forestry, Home Economics. For further information call 432-2325.

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14 to 16 October. Canadian Society for Eighteenth Century Studies meeting.

15 October. Opening of the Walter C. Mackenzie Health Sciences Centre. Admission by invitation.

15 October, 7:30 p.m. Inauguration of Elizabeth Empey Lecture Series. Faculty of Home Economics. TL-11 H.M. Tory Building. Tickets available through Faculty.

15 to 24 October. Exhibition of German Poster Art. Produced especially for Canada at the request of the Goethe Institute, Berlin, and circulated by the International Program, National Museums of Canada. Ring House Gallery.

15 to 26 October. J.D. Turner. Organized by the Ring House Gallery in conjunction with J.D. Turner's autobiography, published by the University Press.

17 October, 7 p.m. Evensong. All Saints' Cathedral.

25 October. National University Hockey Tournament. Varsity Arena.

Bruce Peel Special Collections Room

Until 5 January, 1983. "A Gallimaufry of 18th century Books" (in honor of the Canadian Society for Eighteenth Century Studies). B-37 Cameron Library.

Films

German Feature Film Program

27 October, 7:30 p.m. "Orpheus in der Unterwelt." Room 17, Old Arts Building. Free admission.

Lectures and Seminars

Department of Zoology

15 October, 3:30 p.m. J.N.M. Smith, Institute of Animal Resource Ecology, University of British Columbia, will speak on, "Inheritance of behaviour and fitness in the song sparrow." CW410 Biological Sciences Building.

22 October, 3:30 p.m. Arthur Forer, Biology Department, York University, will present a seminar entitled "Mechanisms of chromosome movement."

Department of Art and Design

15 October, 2 p.m. Otis Tamasauskas, visiting artist printmaker, will present a public slide presentation and lecture about his work. 2-20 Fine Arts Building. This distinguished visitor will be working in the Department of Art and Design from 11 to 30 October.

Canadian Institute of Ukrainian Studies

22 October, 7:30 p.m. Bohdan Kordan will speak on "Ethnicity, Integration and State Politics: The Ukrainian Canadian Problem 1939-44." Heritage Lounge, Athabasca Hall.

Alberta Microelectronics Centre

26 October. Demetrius Zissos, Professor of Computing Science and Electrical Engineering at the University of Calgary, will present a one-day seminar on Microprocessors. More information on the seminar, which is designed for University faculty, support staff, and graduate students, may be obtained by contacting the

Microelectronics Centre, 544 Electrical Engineering Building, telephone 432-3914.

Department of Botany

27 October, 3:30 p.m. A. Damman, University of Connecticut will speak on "Aspects of Peatland habitats in eastern Canada." M-137 Biological Sciences Building.

Western Conference on Linguistics

15 October, 5 p.m. Stephen D. Krashen, University of Southern California, will speak on "Language Acquisition Theory and Second Language Teaching." 165 Education South.

16 October, 11 a.m. David Ingram, University of British Columbia, will present a lecture entitled "The Psychological Reality of Children's Grammars and its Relevance to Linguistic Theory." 165 Education South.

Departments of Political Science and Economics

20 October, 8 p.m. E.L. Wheelwright, University of Sydney, and EFF Distinguished Visitor, on "International Capital vs The Nation-State." Tory Turtle 2.

21 October, 12:30 to 2 p.m. "The Politics of Foreign Investment in Australia" 14-6 Tory.

22 October, 3 p.m. "Transfer Pricing by Multinational Corporations." 8-22 Tory.

Limnology and Fisheries Discussion Group

21 October, noon. Dale Allen, University of Alberta, will speak on "Mineral nutrition of *Lemna prislulca*." G217 Biological Sciences Building.

28 October, noon. Hugh Norris, Alberta Fish and Wildlife, will speak on "Aging techniques and comparison of growth rates in yellow perch in Alberta." G217 Biological Sciences Building.

Friends of the U of A, H.M. Tory Lecture

26 October, 8 p.m. Harold Masursky will speak on "Exploration of Venus, Mars, and Jupiter." SUB Theatre.

Department of Entomology

14 October, 4 p.m. David McCorquodale, Department of Zoology, will speak on "Digger wasps versus satellite flies: Are provisioning flights effective defenses?" 245 Earth Sciences Building.

Department of History

19 October. Malcolm Barber of the University of Reading, Massachusetts, will give two lectures. 11 a.m. Dr. Barber will speak on "The Order of the Temple." 236 Arts Building. 3:30 p.m. He will present a lecture entitled "The Social Context of the Templars." 2-58 H.M. Tory Building.

Department of Geography

15 October, 3 p.m. Mohamed B. Ibrahim, PhD candidate, will present a seminar entitled "Adjustments to drought hazard in semi-arid areas of the Sudan." 3-36 H.M. Tory Building.

29 October, 3 p.m. Deryck Holdsworth, Assistant Editor, the Historical Atlas of

Canada, will present a seminar entitled "The making of the Historical Atlas of Canada, with emphasis on the progress related to Volume III (1850-1958)." 3-36 H.M. Tory Building.

Boreal Institute

19 October, 8 p.m. Carl Primus, Water Resources Management Services, Alberta Environment, will speak on "Slave River Hydro Feasibility Study — Results and Issues." CW410 Biological Sciences Building.

Science Dining Club

28 October, 6 p.m. R.C. Fox, Department of Geology will speak on the "Evolution/Creation Controversy." For further information, contact Donna Arbuthnott at 432-5072.

Faculty Women's Club

21 October, noon. Myer Horowitz will address the gathering on the "75th Anniversary of The University of Alberta." Tickets are available from the Interest Groups Conveners, Papiaschase Room, Faculty Club.

Alberta Heritage Foundation for Medical Research

15 October, 11 a.m. Erling Norrby, Department of Virology, Karolinska Institute, Stockholm, Sweden, will present a seminar entitled "The Use of Monoclonal Antibodies to Characterize Acute and Persistent Measles Virus Infections." This seminar is sponsored by the Neurovirology Research Unit, Departments of Medicine and Medical Microbiology. 1-17c Medical Sciences Building.

Sports

Soccer

15 October, 2 p.m. Golden Bears vs University of Victoria. Varsity Stadium.

16 October, 2 p.m. Golden Bears vs University of British Columbia. Varsity Stadium.

Cross Country

16 October. Golden Bear and Panda, Capher Open. For more information, phone 432-3466.

Volleyball

16 October, 9 a.m. Golden Bears and Pandas host the Junior High School Tournament. Varsity Gym.

Hockey

20 October, 7:30 p.m. Golden Bears vs Camrose College Vikings. Varsity Arena.

Folk Dance

The Edmonton International Folk Dance Club offers folk dance instruction for both beginning and experienced dancers every Friday at 8 p.m. in W-14 Physical Education Building.

SUB Theatre

Films

16 October, 8 p.m. "The French Lieutenant's Woman." (1981).

17 October, 8 p.m. "Taps." (1981).

18 October, 8 p.m. "Mon Oncle D'Amerique." (1980).

19 October, 8 p.m. "Casablanca." (1942).

21 October, 8 p.m. "Dead Men Don't Wear Plaid" (1982) and "The Blues Brothers" (1980).

25 October, 8 p.m. Edmonton Film Society — International Series presents "The Devil's Playground" (1975). Admission by series tickets only. Available at S.U. Box office, Woodward's, and at the door.

Music

14 October, 7 and 10 p.m. Edmonton Jazz Society presents Pat Metheny. Tickets available at all Bass outlets.

15 October, 7 and 9:30 p.m. Students' Union Concerts present Moe Koffman. Tickets available at all Bass outlets.

20 October, 8 p.m. The Edmonton Chamber Music Society presents "The Tokyo String Quartet." Tickets by subscription for the seven-concert series, available from SUB Box Office, Canadiana Gifts, Canadiana Galleries, or at the door.

24 October, 2 and 4:30 p.m. The Friends of the Edmonton M.S. Clinic present a Live Magic Show featuring Dale Harney. Tickets are \$5 at the door.

Non-Credit Courses

Devonian Botanic Garden

The Devonian Botanic Garden is closed. The Garden and the Garden Shop will reopen on 1 May 1983.

Faculty of Extension

Applied Behavioral Sciences Division

For further information on the courses listed below, phone 432-5069.

Life Planning for Couples

Dates: 15 October, 7:30 to 9:30 p.m., and 16, 17 October, 9 a.m. to 4 p.m. Fee: \$120/couple. Instructors: Dr. Ronna Jevne, Allen Eng. Limit: 12 couples.

Introduction to Structural Family Therapy

Dates: 18, 19 October. Time: 9 a.m. to 4:30 p.m. Fee: \$100. Instructor: George Enns. Limit: 26.

Stress Management for Everyday Living — Section A

Dates: 22 October, 7 to 10 p.m., and 23 October, 9 a.m. to 4:30 p.m. Fee: \$40. Instructor: Don Melnychuk. Limit: 24.

Bragging — Letting Others Appreciate You

Dates: 23, 24 October. Time: 9 a.m. to 4 p.m. Fee: \$40. Instructor: Jane Sterk. Limit: 20.

Release Your Brakes

Dates: 26, 27 October. Time: 8:30 a.m. to 5 p.m. Fee: \$85. Instructor: Jim Beaubien. Limit: 30.

Strategies for Effective Case Management

Date: 27 October. Time: 8:30 a.m. to 4:30 p.m. Fee: \$35. Instructor: Christopher Walker. Limit: 30.

Assertion and Interpersonal Skills Training — Level 1, Section D

Dates: 28, 29 October. Time: 8:30 a.m. to 5 p.m. Fee: \$75. Instructors: Jim Beaubien and Karen Caesar. Limit: 30.

The Problem Client: Identification and Resolution of His/Her Problems

Dates: 28, 29 October. Time: 8:30 a.m. to 4:30 p.m. Fee: \$70. Instructor: Christopher Walker. Limit: 30.

Business, Industrial and Professional Division

Absenteeism

Date: 29 October. Time: 9 a.m. to 4:30 p.m. Fee: \$150. For further information, please call 432-5066.

The Creative Genius Within

Date: 4 and 5 November. Time: 9 a.m. to 4:30 p.m. Fee: \$250. For further information, call 432-5066.

The Art of Negotiating ... With Anyone

Date: 8 and 9 November. Time: 9 a.m. to 4:30 p.m. Fee: \$250. For further information, call 432-5067.

Effective Communication and Work Direction

Date: 16 November. Time: 9 a.m. to 4:30 p.m. Fee: \$125. For further information, please call 432-5067.

Confronting Conflict

Date: 17 November. Time: 9 a.m. to 4:30 p.m. Fee: \$125. For further information, please call 432-5066.

Solid Waste Management

Date: 8 and 9 November. Time: 9 a.m. to 4:30 p.m. Fee: \$115. For further information, call 432-5532.

River Management: Engineering For Environmentalists

Date: 15 and 16 November. Time: 9 a.m. to 4:30 p.m. Fee: \$135. For further information, call 432-5532.

Geotechnical Engineering in the Planning Process

Date: 22 November. Time: 8:30 a.m. to 5 p.m. Fee: \$60. For further information, call 432-5532.

Engineering and the Environment

Date: 4 Thursdays commencing 18 November. Time: 6:45 to 9:45 p.m. Fee: \$85. For further information, call 432-5532.

Computing Services

Client Training Sessions

Computing Services is taking registrations between 8:30 a.m. and noon for the following non-credit courses. For further information, please telephone Information Services at 432-2463, or come to 352 General Services Building.

Advanced Text Formatting

Course number: 839. Date: 18, 20, 25, 27 October. Time: 2 to 4 p.m. Fee: \$25. Prerequisites: "Introduction to Text

Formatting" or equivalent familiarity with TEXTFORM.

Introduction to Plotting

Course number: 848. Dates and Times: 18 October, 9 to 11 a.m. 21 October, 1 to 4 p.m. Fee: \$20. Prerequisites: FORTRAN, basic MTS and Editor commands. Place: 749A/351 GSB.

Introduction to Text Formatting

Course number: 834. Date: 18, 20, 22, 25, 27, 29 October. Time: noon to 2 p.m. Fee: \$25. Prerequisites: "MTS and Editor Fundamentals," "MTS Overview," and a good working knowledge of the File Editor. Place: 749A/351 GSB.

Introduction to MIDAS

Course number: 854. Date: 19, 21 October. Time: 10 a.m. to noon. Fee: \$5. Prerequisites: "Introduction to Computing" or competence in MTS. "Data Preparation for Statistical Packages" seminar is recommended.

Advanced SPIRES

Course number: 846. Date: 20, 22, 25, 27, 29 October. Time: 9:30 a.m. to 1 p.m. Fee: \$25. Prerequisites: "Introduction to SPIRES." Place: 749A/357 GSB.

Notices

Campus Reviews

As part of the process of carrying out systematic reviews under the guidance of the President's Advisory Committee on Campus Reviews (PACCR), the Department of Physical Therapy is completing the self-study phase of the review process. The other major phase of the process is the site visit and assessment by the Unit Review Committee. In preparation for this second phase, PACCR invites written comment prior to 3 November, 1982.

Submissions are for the use of the Unit Review Committee and will be held in confidence by the members of that committee. Submissions should be sent to: Mrs. L. Pearsons, PACCR Office, W4-13 Chemistry Building, Attention: The Physical Therapy Unit Review Committee.

As part of the process of carrying out systematic reviews under the guidance of the President's Advisory Committee on Campus Reviews (PACCR), the Department of Biochemistry is completing the self-study phase of the review process. The other major phase of the process is the site visit and assessment by the Unit Review Committee. In preparation for this second phase, PACCR invites written comment prior to 3 November, 1982.

Submissions are for the use of the Unit Review Committee and will be held in confidence by the members of that committee. Submissions should be sent to: Mrs. L. Pearsons, PACCR Office, W4-13 Chemistry Building, Attention: The Biochemistry Unit Review Committee.

Open House Change

The Faculty of Extension's Open House, previously scheduled for 3, 4, and 5 December 1982, has been moved to 18, 19, and 20 February 1983.

U.S. Social Security

Oleta Carter and Teresa Felix, representatives of the United States Social Security Administration, will be at the Income Security Programs Office in Edmonton Thursday, 21 October.

People having questions regarding U.S. social security matters are invited to call or write to Oleta Carter in care of the Income Security Programs, 7th Floor, Manulife Building, 10055-106 Street, Edmonton, Alberta, telephone 420-2630.

University of Edinburgh Quatercentenary

Graduates of Edinburgh University are hereby notified of the forthcoming quatercentenary of that university in 1983. A program commemorating this event is planned for the period 2 to 10 July 1983. Those interested in receiving a program of events should write to the following address: Mr. R. Footman, Information Officer, Old College, Edinburgh, EH8 9YL.

Those unable to attend can obtain information about their Alma Mater through the Journal of the Graduates Association by writing to the Secretary at the address below: The Secretary, Edinburgh University Graduates Association, 5 Buccleuch Place, Edinburgh, EH8 9LN.

On the Boards

Open auditions for John Redford's "Wit and Science" (c. 1533), to be presented at the banquet of the Pacific Northwest Renaissance Conference at the Terrace Inn, 25 March, 1983, will be held on 19 and 20 October at 4 p.m. in HC 1-11. Text will be provided. Sixteen roles: seven young men, two older men; six young women, one older woman. Further information from Patricia Demers, Department of English, 432-4628.

Positions Vacant

The University is an equal opportunity employer but, in accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.

Chairman, Department of Industrial and Vocational Education

Applications are invited for the position of Chairman of the Department of Industrial and Vocational Education, Faculty of Education. Applications must be received by 1 November 1982. Address enquiries and applications to: Dr. Walter H. Worth, Dean, Faculty of Education, The University of Alberta, Edmonton, Alberta, T6G 2G5.

Non-Academic Positions

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 432-5201. Please

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do not contact the department directly. As positions are filled on an ongoing basis, these vacancies cannot be guaranteed beyond 8 October 1982.

Medical Steno (Part-time)
(\$687-\$841) — Medicine
Secretary (\$1,373-\$1,682)
— East Asian Languages and Literatures,
Research Grants and Contracts Office
Administrative Clerk (\$1,373-\$1,682)
— Physical Plant (Vehicle Pool)
Laboratory Assistant II
(\$1,106-\$1,324) — Pharmacology (Trust)
Food Service Worker III
(\$1,324-\$1,616) — Housing and Food
Services
Graphics Technician I
(\$1,426-\$1,754) — Graphics
Technician I (Trust)
(\$1,426-\$1,754) — Physiology
Food Service Worker IV
(\$1,426-\$1,754) — Housing and Food
Services
Technologist I (Trust)
(\$1,616-\$1,992) — Immunology
Dental Hygienist
(\$1,682-\$2,078) — University Health
Service

Applications Analyst (\$1,754-\$2,171)
— Physical Plant (Energy Management)
Technologist II (Term) (Trust)
(\$1,829-\$2,265) Medicine (Neurology)
Chemical Technologist II (Trust)
(\$1,829-\$2,265) — Civil Engineering
Biology Technologist III
(\$2,078-\$3,085) — Genetics
Programmer/Analyst III (Trust)
(\$2,472-\$3,085) — Computing Science
Programmer/Analyst III
(\$2,472-\$3,085) — Computing Science
Instrument Mechanic (\$2,733)
— Physical Plant (Utilities — Mechanical)

The following is a list of currently available positions in The University of Alberta Libraries. The bulletin board in Cameron Library, Room 512, should be consulted for further information as to availability and position requirements.

Library Clerk II (\$1,106-\$1,324)
— Acquisitions
Library Clerk III (\$1,232-\$1,487)
— Periodicals and Microform Centre
Data Entry Operator (\$1,274-\$1,545)
— Cataloguing

General Carpentry Work — Renovations.
434-9709 evenings.
Piano lessons, Lynn (B.Mus.)
433-6940.
Relief for backache, stress, tension.
The Krieg Clinic provides specialized
medical massage and chirogymnastic.
Fully qualified and German trained.
Maria Krieg C.P.H.T. 436-8059, 11627-75
Ave. Gift certificates available.
French Immersion ballet, music, drama,
fine arts. Private. Pre-school ages 2½-5.
9562-82 Ave. Full/half days 439-7911,
439-9150.
Church organist required, Garneau
United Church, 84 Ave.-112 St. 439-2501,
432-4921.
French tutoring and conversational
French. Daniele 487-6755.

Interested in Morris dancing?
Beginners' workshop 10/23/82. Musicians
and dancers welcome. Bring pair white
handkerchiefs. Bill Edwardson 420-3359
days for details.
Experienced in all facets of
Textform — data entry, formatting,
editing, preparation of camera-ready
copy. 487-4449.
Typing — Theses, etc. Experienced.
455-0641.
Two openings — University Child Care
Centre, morning program, 9:15-11:30.
Accepting 3½ to 5½ year olds.
\$50/month. Call 432-4606 — 9-9:30 p.m.
M-F.
Piano, theory lessons. Glenora.
452-5485.

Advertisements

Advertisements must reach the Editor by 3 p.m. on the Thursday prior to publication date which date also serves as the deadline for cancellation of advertisements. The cost of placing advertisements is 30 cents per word with no discount for subsequent insertions. There are no refunds. There is a maximum limit of 30 words and a minimum charge of \$1.50. Contributors' corrections will be assessed at \$1.50 for each line in which an alteration is made. Advertisements cannot be accepted over the telephone.

Accommodations available

For sale — 1,400 sq. ft. University area home, large kitchen, three bedrooms, basement developed, double garage, large lot. Asking \$127,000 with \$87,000 mortgage at 15½%. 436-7425.
For sale — \$80,000, 12½%. Windsor. Super bungalow, developed basement. Resi Richter 483-9432, 455-4181 A.E. LePage.
For sale — Westend, immaculate, four bedroom split. Resi Richter 483-9432, 455-4181 A.E. LePage.
For sale — Laurier Park. Executive, two storey. Resi Richter 483-9432, 455-4181 A.E. LePage.
For sale — Glenora. Two bedroom bungalow for young or retired. Resi Richter 483-9432, 455-4181 A.E. LePage.
For sale — University. 12½% financing. Large semi with suite. Resi Richter 483-9432, 455-4181 A.E. LePage.
For sale — Parkallen bungalow, \$94,000. Hardwood floors up and down! Superb in-law suite. Assume \$59,000 at 13½% until 1985. Call DeAnna Larson, 481-0936, Spencer Real Estate.
For sale — Malmo by owner. Four bedroom split, fireplace, double garage, 1,750 sq. ft., large corner lot. Excellent location. 435-4187.
Saleable — Claridge House, 11027 87 Ave. Condominium apartment, two bedroom, two underground parking, laundry, south balcony. Will carry


\$50,000 at 12% for 10 years. Maxine Tipper, Langley 436-3050 (pager), res. 435-7103.
Saleable — Bungalow facing park. Southgate location. Bus to University. Finished basement, double garage. Creative financing. Asking \$94,500. Maxine Tipper, Langley 436-3050 (pager), res. 435-7103.
Renting — Riverbend. The Courtyard Townhomes, Double, attached garages. Three bedrooms. Fireplace. Two baths. Main floor laundry. Exceptionally large master bedroom and ensuite. Helen Patterson 436-3050.
For sale — Windsor Park. Attractive, three bedroom bungalow situated on quiet street, featuring 24'x50' pool. Walkout from kitchen and D/R to spacious decking. Developed basement. Pearl Kopinsky 483-7170, 438-3855 Spencer.
For rent — Large, three bedroom duplex. Available 1 Nov. 106 St. - 74 Ave. \$775/month. Damage deposit required. 435-1345.

Goods for sale

For sale — Natural racoon coat, size 8-10, excellent condition, \$1,700. 433-3340.
Rustad cross country skis, Norrona boots, Ajack sports pants — like new. Sewing machine. 234 Athabasca Hall or phone 439-4760.
Boy's Micron skates, size 5, \$40/best offer. 459-0937. After 6 p.m.
Ronald Okey oil painting, boat/dock scene. \$700. 467-1518 evenings.

Services

Donnic Word Processing. Specializing in theses, manuscripts, etc. 8315A-105 St. 432-1419.
Singing teacher, Eileen Turner 439-4661.

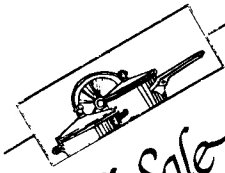


**University
and Community
Day Care Centre**

8720-118 St.
Edmonton
T6G 1T5

NON-PROFIT, FAMILY ORIENTED CENTRE

Afternoon positions available
1:00 o'clock to 5:30
Phone 433-0070



Fall Sale

October 15-30

Paderno Stainless Steel Cookware
7 piece starter set
regular 258.00
ON SALE 199.95

15% off all individual pieces

for the fondue season
Mina glass fondue plates
6 - piece set
regular 27.50
ON SALE 19.95

1 lb. Java five coffee
with each purchase
of a medium or large
Bodum Biaffro coffee maker

Danek 3 piece Souffle Set
1 1/2 qt. 2 qt.
regular 41.00
ON SALE 33.95

and many other specials
for Cooks and Kitchens

3115 MACLE
890-1125E
439-7788

THURS:
10-5:30 PM TUES
10-8:30 THURS